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DATE: January 14, 2004

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TO: Commissioner for Patents

Fax #: 703-872-9306

Client/Matter #: 32187.20

FROM: Gloria L. Norberg, Ph.D.

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PATENT / DOCKET NO.: 32187.20
CUSTOMER NO.: 27683

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Dupont, et al.

Serial No. 10/688,043

Filed: October 17, 2003

For: SHARK CARTILAGE EXTRACT:
PROCESS OF MAKING, METHODS OF
USING, AND COMPOSITIONS THEREOF§
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Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

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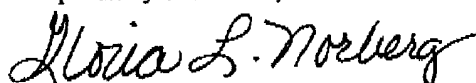
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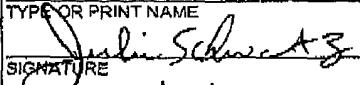
Enclosed are the following regarding the above-identified patent application:

1. Information Disclosure Statement;
2. PTO-1449 Form; and
3. Transmittal letter.

No fees are believed due for the filing of the present documents, however, should any fees be deemed necessary, the Commissioner is hereby authorized to charge any fees which may be required to Deposit Account 08-1394.

Respectfully submitted,

Gloria L. Norberg
Agent for Applicant
Registration No.: 36,706Date: January 14, 2004
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PATENT / DOCKET NO.: 32187.20
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	§	
Dupont, et al.	§	Group Art Unit: Not Yet Assigned
	§	
Serial No. 10/688,043	§	
	§	Examiner: Not Yet Assigned
Filed: October 17, 2003	§	
	§	
For: SHARK CARTILAGE EXTRACT:	§	
PROCESS OF MAKING, METHODS OF		
USING, AND COMPOSITIONS THEREOF		

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P.O. Box 1450
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Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and are not in any order based on their pertinence.

This Information Disclosure Statement is being filed within three months of the United States filing date. No certification or fee is required (37 CFR §1.97(b)(1)).

The present application claims priority to USSN 10/068,950, filed February 7, 2002 now issued as U.S. 6,635,285, October 21, 2003. Pursuant to 37 CFR §1.98(d), copies of the references provided in the parent application, U.S. Serial No. 10/068,950, are not provided. Pursuant to the Official Gazette Notice of August 5, 2003, copies of U.S. Patents are not provided since the present application was filed after June 30, 2003.

It is requested that the Examiner fully consider the cited references and that they be cited on the front of any patent issuing from this application.

No fees are believed due for the filing of the present Information Disclosure Statement, however, should any fees be deemed necessary, the Commissioner is hereby authorized to charge any fees which may be required to Deposit Account 08-1394.

PATENT / DOCKET NO.: 32187.20
CUSTOMER NO.: 27683

It is respectfully requested that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Respectfully submitted,

Gloria L. Norberg

Gloria L. Norberg
Agent for Applicant
Registration No.: 36,706

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number		10/688,043	
		Filing Date		October 17, 2003	
		Applicant(s)		Dupont, et al.	
		Art Unit		Not Yet Assigned	
		Examiner Name		Not Yet Assigned	
SHEET 1 OF 5		Attorney Docket Number		32187.20	

U. S. PATENT DOCUMENTS				
Examiner's Initials	Cite No.	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document
		3,478,146	11-11-1969	Balassa
		Re. 28,093	07-30-1974	Balassa
		3,966,908	06-29-1976	Balassa
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		6,635,285	10-21-2003	Dupont, et al.

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date (MM-DD-YYYY)	Patentee or Applicant of Cited Document	Translation in
		WO 9309766	05-27-1993	Hartung	
		WO 9412510	08-09-1994	Lane	
		WO 9503036	02-02-1995	Arsenault, et al.	
		WO 9532722	12-07-1995	Dupont, et al.	
		WO 9623512	08-08-1996	Dupont, et al.	
		WO 9716197	05-09-1997	Dupont, et al.	
		JP 45001444	01-19-1970	Furuhashi	Abstract
		JP 59039828	03-05-1984	Suzuki Fujio, et al.	Abstract
		JP 60178820	09-12-1985	Suzuki Fujio, et al.	Abstract

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		Applicant(s)	Dupont, et al.			
		Art Unit	Not Yet Assigned			
		Examiner Name	Not Yet Assigned			
		Attorney Docket Number	32187.20			
SHEET	2	OF	5			

OTHER PRIOR ART		
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS); title of the article; title of the item; date; page(s); volume; issue number(s); publisher; city/country where published
		OIKAWA, T., et al., "A novel angiogenic inhibitor derived from Japanese shark cartilage (I). Extraction and estimation of inhibitory activities toward tumor and embryonic angiogenesis," <i>Cancer Letters</i> , 51 (1990) 181-186.
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				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
SHEET	3	OF	5	Attorney Docket Number	32187.20

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SHEET	4	OF	5		

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In place of PTO-1449 Form		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete if Known	
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Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.